

Guillaume Ameline

programmer & material engineer

SUMMARY

Full-stack functional programmer and experienced material engineer.

INFO

location: Tartu, Estonia

driving: license + car

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git: <https://github.com/g-ameline>

PROGRAMMING EXPERIENCE

Programmer TARTU ÜLIKOOL

Dec 2024 → now Estonia

Coding **Elixir Phoenix Liveview** GIS app

Design data model for GIS app

Set Keycloak OpenAuth authentication

Full-stack Developer GEOLYNX

Nov 2024 → May 2025 Estonia

Coding **Elixir Phoenix Liveview** GIS app

Integrating **MapLibre** into server rendering

Implementing complex user interactions

Stack:



Others:



ENGINEERING EXPERIENCE

Testing Engineer LM WIND POWER

2020 → 2022 Denmark

Handled test planning, provided technical support and performed simulations

R&T Engineer SAFRAN COMPOSITES

2019 → 2020 France

Testing and developing IR laser surface treatment for bonding • Qualification of Discontinuous Long Fiber carbon composite

Material Engineer SAFRAN NACELLES

2017 France

Material/painting testing and qualification • Technical support

Recovery Engineer SAFRAN NACELLES

2016 France


Defect analysis and support for damaged nacelle part recovery

R&D Engineer EPSILON COMPOSITE

2011 → 2014 France

Thermoset formulation • Process simulation
• Composite materials testing

IT TRAINING 2022 → 2024

KOOD/JÕHVI 

Multiplayer Game: Elixir + JavaScript bomberman

Social Network: Go + HTMX
Instagram/Facebook clone

AI Projects: Stock prediction, facial emotion recognition

Browser Game: Vanilla JavaScript brick-breaker

EDUCATION 2006 → 2011

ENSIL: Material Science Engineering School
(Master Degree) - 3 years

DUT Bordeaux: Material Science Technician
School - 2 years

Languages: English (fluent) • French (native)